

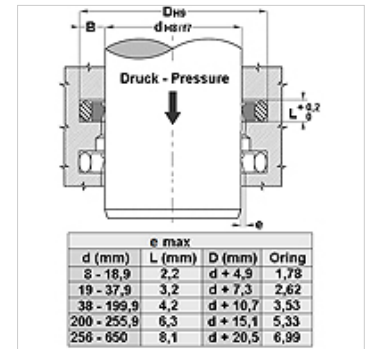
Properties

| | |
|---------------------------|---|
| Design | Rod packing set |
| Operating pressure | up to 700 bar |
| Sliding speed max. | 15,0 m/s |
| Temp. min. | -30 °C |
| Temp. max. | 110 °C |
| Media | Mineral oils Water emulsions |
| Installation | first bend the O-ring and then the PTFE ring into a kidney shape and press into the locating groove (from 30 mm). |
| Material | (1) Dynamic seal: PTBR (2) Static seal: NBR |
| Application | Hydraulics |



| Spaltmaß / Clearance | | | |
|----------------------|-----------|-------------|-------------|
| L | e max | | |
| | 0-200 bar | 200-400 bar | 400-700 bar |
| 2,2 - 3,2 | 0,15 | 0,10 | f7 / H8 |
| 4,2 - 6,3 | 0,25 | 0,15 | f7 / H8 |
| 8,1 | 0,40 | 0,20 | f7 / H8 |

| Toleranz / Tolerance | | |
|----------------------|----|--------|
| d | D | L |
| H8 / F7 | H9 | 0/+0,2 |



Description

Low spatial requirement.
High extrusion resistance.
low break-loose torque and dynamic friction
Long service life.

Ordering information

We are able to produce GR/IGRL seals with diameters 20 to 510 mm with short lead times. Dimensions can be calculated from table 44.1.

Item

| Identification | d (mm) | D (mm) | L (mm) |
|--------------------|--------|--------|--------|
| IGRL 0200 B 554470 | 20 | 27,3 | 3,2 |
| IGRL 0220 B 554470 | 22 | 29,3 | 3,2 |
| IGRL 0250 B 554470 | 25 | 32,3 | 3,2 |
| IGRL 0280 B 554470 | 28 | 35,3 | 3,2 |
| IGRL 0300 B 554470 | 30 | 37,3 | 3,2 |
| IGRL 0350 B 554470 | 35 | 42,3 | 3,2 |
| IGRL 0360 B 554470 | 36 | 43,3 | 3,2 |
| IGRL 0400 B 554470 | 40 | 50,7 | 4,2 |
| IGRL 0450 B 554470 | 45 | 55,7 | 4,2 |
| IGRL 0500 B 554470 | 50 | 60,7 | 4,2 |
| IGRL 0550 B 554470 | 55 | 65,7 | 4,2 |
| IGRL 0560 B 554470 | 56 | 66,7 | 4,2 |
| IGRL 0600 B 554470 | 60 | 70,7 | 4,2 |
| IGRL 0650 B 554470 | 65 | 75,7 | 4,2 |
| IGRL 0700 B 554470 | 70 | 80,7 | 4,2 |
| IGRL 0800 B 554470 | 80 | 90,7 | 4,2 |
| IGRL 0900 B 554470 | 90 | 100,7 | 4,2 |
| IGRL 1000 B 554470 | 100 | 110,7 | 4,2 |
| IGRL 1300 B 554470 | 130 | 140,7 | 4,2 |